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U. S. Department of Agriculture - Forest Service CENTRAL STATES FOREST EXPERIMENT STATION

Technical Note 47.

November 15, 1941

VOLUME TABLE 1/
for
AMERICAN SYCAMORE
(Platanus occidentalis)

Belmont, Holmes, Knox, Lawrence, Pike and Richland Counties, Ohio

Merchantable	Stem to a				INTERNA		$\frac{1}{4}$ " Kerf)
Diameter		Gross	Top d.i.b.	Easis			
breast high	in 12.3	3-foot lo	at	in			
outside bark	1	2	3	4	5	merchantable	trees
(inches)	log	logs	logs	logs	logs	limit	crees
	Bd.ft.	Bd.ft.	Bd.ft.	Bd.ft.	Bd.ft.	Inches	Number
9	19	36	51			6.6	} 16
10	24	45	65	84		7.0	} = 0
11	30	56	80	104		7.4	} 47
12	36	68	97	126		7.8	٠
13	43	81	116	151		8.1	} 21
14	51	96	137	178		8.6	ک
15	58	111	160	208		9.0	} 17
16	6.9	129	185	240	294	9.4	٠ - ا
17	79	147	212	275	336	9.8	} 31
18	90	168	241	313	382	10.3	ے۔ ر
19	101	189	272	353	432	10.8	> 13
20	114	212	305	395	483	11.3	٠ - ر
21		237	340	442	540	11.8	> 11
22	,	262	378	490	598	12.3	2
23		290	417	541	661	12.8	} 10
24		319	459	596	728	13.4	<u> </u>
25		349	502	652	796	14.0	<u>}</u> 11
26		381	548	711	869	14.6	ر
27		415	597	774	946	15.4	} 3
28		450	647	840	1026	16.1	ي آ
29		486	700	908	1109	16.9	2
30			755	980	1197	17.7	7
31			813	1054	1288	18.6	> 2
32			873	1132	1384	19.4	ز
Basis in							
trees number	26	39	64	52	3	pai SVI	183
				<u> </u>			

^{1/} Trees measured by J. W. Girard in 2-inch diameter classes and in 10- to 16-foot log lengths above a 1-foot stump and scaled as such. Table prepared in 1941 by the equation method. Coefficient of multiple correlation (R) is .988. The band of the standard error of estimate is 84.5 to 116.8 percent. Block shows limits of basic data.

The total estimated gross volume of single sycamore trees or stands should be corrected for cull (including defect, sweep, crook, shake, etc.) by a percentage reduction. This percentage should be determined locally through observing the cull elements and through local experience of millmen as regards losses from rot, shake, etc., in utilizing this species.

